

In-Class Question 4

Question)

Four different versions of Python programs have been created using the turtle module. The objective is to draw the capital letter “A” starting from the bottom-left corner of the letter using the turtle.

Three of the programs are not suitable/correct. One program is suitable/correct.

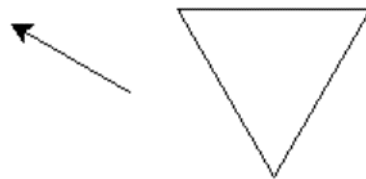
Which program is suitable/correct? Enter one letter for your answer. For example, if you think Program **B** is suitable/correct then your answer is **B**.

Program A:

```
import turtle

turtle.forward(100)
turtle.right(120)
turtle.forward(100)
turtle.right(120)
turtle.forward(100)
turtle.up()
turtle.left(120)
turtle.forward(50)
turtle.down()
turtle.right(90)
turtle.forward(70)

turtle.done()
```



Program B:

```
import turtle

turtle.left(75)
turtle.forward(100)
turtle.right(150)
turtle.forward(100)
turtle.up()
turtle.left(180)
turtle.forward(50)
turtle.down()
turtle.left(75)
turtle.forward(30)

turtle.done()
```

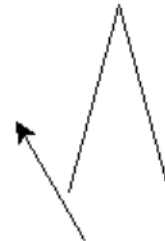


Program C:

```
import turtle

turtle.left(75)
turtle.forward(100)
turtle.right(150)
turtle.forward(100)
turtle.up()
turtle.right(75)
turtle.forward(50)
turtle.down()
turtle.right(90)
turtle.forward(70)

turtle.done()
```

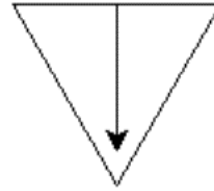


Program D:

```
import turtle

turtle.forward(100)
turtle.right(120)
turtle.forward(100)
turtle.right(120)
turtle.forward(100)
turtle.up()
turtle.right(120)
turtle.forward(50)
turtle.down()
turtle.right(90)
turtle.forward(70)

turtle.done()
```



Correct answer(s):

- B

Explanation:

- The answer can be obtained by observing what the turtle does in the programs